

Remarks

Claims 1-16 are pending in the application. Claim 1 has been withdrawn from consideration by the Examiner. Claims 2-16 stand rejected.

Claim objections

Claims 2, 6, 11 and 15 were objected to. Withdrawal of the objection is respectfully requested in view of the amendments set forth above.

Claim rejections

Section 102

Claims 12 and 16 were rejected under 35 USC 102(b) as being anticipated by Lundberg et al. (EP 0 890 907 A1) ("Lundberg"). The Applicant respectfully traverses. Lundberg does not support the asserted rejection for at least the reason that Lundberg does not disclose "the system resources layer to communicate with the systems services layer and including a device driver for data exchange with onboard avionics, the system services layer to provide services including at least one of avionics standards services, data compression and cryptographic services, and to communicate with the onboard avionics by way of the device driver, and the application programming interface layer including objects corresponding to aircraft services; wherein a client-side object in the application layer includes a communicator to request a service from the application programming interface layer; and wherein a receptor in the application programming interface layer is to respond to the request."

Lundberg does not disclose a layered software architecture according to the present invention as claimed at all. In particular, Lundberg does not disclose a system resources layer that communicates with a system services layer, nor an application programming interface layer that communicates with an application layer as claimed. Withdrawal of the asserted rejection is therefore respectfully requested.

Section 103

Claim 2, 3, 5-11 and 13-15 were rejected under 35 USC 103(a) as being unpatentable over Lundberg in view of Nazem et al. (US 5,983,227) ("Nazem"). The

Applicant respectfully traverses. Lundberg and Nazem cannot support the asserted rejection for at least the reason that they do not suggest "the system resources layer to communicate with the systems services layer and including a device driver for data exchange with onboard avionics, the system services layer to provide services including at least one of avionics standards services, data compression and cryptographic services, and to communicate with the onboard avionics by way of the device driver, and the application programming interface layer including objects corresponding to aircraft services; wherein a client-side object in the application layer includes a communicator to request a service from the application programming interface layer; wherein a receptor in the application programming interface layer is to respond to the request" as recited in claim 2. Lundberg does not disclose or suggest a layered software architecture, as discussed above, and Nazem is similarly deficient. Withdrawal of the asserted rejection is therefore respectfully requested.

Claim 4 was rejected under 35 USC 103(a) as being unpatentable over Lundberg and Nazem, and further in view of Huang et al. (US 6,292,835) ("Huang"). Claims 13-15 were rejected based on the rationale cited for claims 3-11. The Applicant respectfully traverses for the reasons discussed above. Withdrawal of the asserted rejection is respectfully requested.

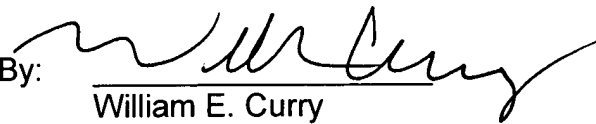
Conclusion

In light of the above discussion, Applicant respectfully submits that the present application is in all aspects in allowable condition, and earnestly solicits favorable reconsideration and early issuance of a Notice of Allowance.

The Examiner is invited to contact the undersigned at (202) 220-4323 to discuss any matter concerning this application. The Office is authorized to charge any fees related to this communication to Deposit Account No. 11-0600.

Respectfully submitted,

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By: 
William E. Curry
Reg. No. 43,572

KENYON & KENYON LLP
1500 K Street, N.W., Suite 700
Washington, D.C. 20005
Tel: (202) 220-4200
Fax: (202) 220-4201